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JUN 17 2004

PCT

WRITTEN OPINION

(PCT Rule 66)

EST 2

JUN 23 2004

LA-HF DEPT

Applicant's or agent's file reference P11085PCT		Date of Mailing (day/month/year) <b>14 JUN 2004</b>
International application No. PCT/US02/19647		REPLY DUE within 2 months/days from the above date of mailing
International filing date (day/month/year) 21 June 2002 (21.06.2002)	Priority date (day/month/year) 29 June 2001 (29.06.2001)	
International Patent Classification (IPC) or both national classification and IPC IPC(7): H04L12/56; H04Q7/32 and US Cl.: 370/311		
Applicant INTEL CORPORATION		

- This written opinion is the first (first, etc.) drawn by this International Preliminary Examining Authority.
- This opinion contains indications relating to the following items:
  - ☒ Basis of the opinion
  - ☐ Priority
  - ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
  - ☐ Lack of unity of invention
  - ☒ Reasoned statement under Rule 66.2 (a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
  - ☐ Certain documents cited
  - ☐ Certain defects in the international application
  - ☐ Certain observations on the international application
- The applicant is hereby invited to reply to this opinion.
 

**When?** See the time limit indicated above. ~~The applicant may, before the expiration of that time limit, request this Authority to grant an extension. See rule 66.2(d).~~

**How?** By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 66.8 and 66.9.

**Also** For an additional opportunity to submit amendments, see Rule 66.4.  
For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bis.  
For an informal communication with the examiner, see Rule 66.6

**If no reply is filed**, the international preliminary examination report will be established on the basis of this opinion.
- The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 29 October 2003 (29.10.2003)

Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Authorized officer AJIT PATEL <i>for Renu</i> Telephone No. 703-305-4700
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**I. Basis of the opinion****1. With regard to the elements of the international application:\***

- ☒ the international application as originally filed
- ☒ the description:  
pages 1-13, as originally filed  
pages NONE, filed with the demand  
pages NONE, filed with the letter of \_\_\_\_\_.
- ☒ the claims:  
pages 14-26, as originally filed  
pages NONE, as amended (together with any statement) under Article 19  
pages NONE, filed with the demand  
pages NONE, filed with the letter of \_\_\_\_\_.
- ☒ the drawings:  
pages 1-5, as originally filed  
pages NONE, filed with the demand  
pages NONE, filed with the letter of \_\_\_\_\_.
- ☐ the sequence listing part of the description:  
pages NONE, as originally filed  
pages NONE, filed with the demand  
pages NONE, filed with the letter of \_\_\_\_\_.

**2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.**

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

**3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the written opinion was drawn on the basis of the sequence listing:**

- ☐ contained in the international application in printed form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

**4. ☒ The amendments have resulted in the cancellation of:**

- ☒ the description, pages NONE
- ☒ the claims, Nos. NONE
- ☒ the drawings, sheets/fig NONE

**5. ☐ This opinion has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed."

**V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

**1. STATEMENT**

Novelty (N)	Claims <u>Please See Continuation Sheet</u>	YES
	Claims <u>Please See Continuation Sheet</u>	NO
Inventive Step (IS)	Claims <u>Please See Continuation Sheet</u>	YES
	Claims <u>Please See Continuation Sheet</u>	NO
Industrial Applicability (IA)	Claims <u>Please See Continuation Sheet</u>	YES
	Claims <u>Please See Continuation Sheet</u>	NO

**2. CITATIONS AND EXPLANATIONS**

Claims 1,7,9,14,21,27,32,40,46,50,56,61 lack novelty under PCT Article 33(2) as being anticipated by Yeung et al (6,061,365).  
yeung et al disclose a control message transmission in telecommunications system incorporating the step of combining at least two separate information packets into a transmission packet by an information-processing unit (col. 12, line 31-40; col. 18, line 44-55); and eliminating at least one power up cycle and one power down cycle by transmitting the transmission packet (col. 12, line 31-40; col. 18, line 44-55).

**Supplemental Box**

(To be used when the space in any of the preceding boxes is not sufficient)

**TIME LIMIT:**

The time limit set for response to a Written Opinion may not be extended. 37 CFR 1.484(d). Any response received after the expiration of the time limit set in the Written Opinion will not be considered in preparing the International Preliminary Examination Report.

**V.1. Reasoned Statements:**

The opinion as to Novelty was positive (Yes) with respect to claims 2-6,8,10-13,15-20,22-26,28-31,33-39,41-45,47-49,51-55,57-60,62-64

The opinion as to Novelty was negative (No) with respect to claims 1,7,9,14,21,27,32,40,46,50,56,61

The opinion as to Inventive Step was positive (Yes) with respect to claims 2-6,8,10-13,15-20,22-26,28-31,33-39,41-45,47-49,51-55,57-60,62-64

The opinion as to Inventive Step was negative(NO) with respect to claims 1,7,9,14,21,27,32,40,46,50,56,61

The opinion as to Industrial Applicability was positive (YES) with respect to claims 1-64

The opinion as to Industrial Applicability was negative(NO) with respect to claims NONE